

02096846 CANE CREEK NEAR ORANGE GROVE, NC

LOCATION.--Lat 35°59'14", long 79°12'22", Orange County, Hydrologic Unit 03030002, on right bank at downstream side of bridge on Secondary Road 1114, and 1.0 mi northwest of Orange Grove.

DRAINAGE AREA.--7.54 mi²

WATER-DISCHARGE RECORDS

PERIOD OF RECORD --November 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 510 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Maximum discharge for period of record from rating curve extended above 500 ft³/s, based on contracted-opening measurement of peak flow; maximum gage-height, 7.90 ft, from flood mark. No flow occurs at times most years. Minimum discharge for current water year also occurred July 16, 17.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	1.0	4.1	1.8	6.0	20	8.7	6.2	0.68	0.48	0.24	0.00
2	2.3	0.91	3.4	1.7	4.4	9.8	13	3.1	1.7	0.37	0.18	0.00
3	3.0	1.2	2.8	1.6	13	6.8	10	2.2	2.5	0.29	0.15	0.00
4	2.2	1.8	2.5	1.7	16	5.4	6.8	1.9	1.9	0.50	0.12	0.00
5	1.7	2.0	2.3	1.6	8.0	4.8	5.6	1.7	1.2	0.47	0.10	0.00
6	1.4	1.3	2.1	1.6	5.7	4.3	4.9	2.2	0.95	0.34	0.09	0.00
7	1.3	1.2	2.6	1.5	4.5	3.8	4.8	2.1	0.80	0.33	0.07	0.00
8	1.2	1.1	2.5	1.5	3.9	34	24	1.8	1.8	0.77	0.09	0.00
9	1.1	0.87	2.3	1.4	3.5	16	24	1.5	0.99	0.45	1.5	0.00
10	1.2	0.87	23	1.3	3.5	8.8	9.1	1.3	0.87	0.30	1.1	0.00
11	1.1	0.89	13	1.3	2.9	7.6	6.7	1.2	0.73	0.24	0.40	0.00
12	1.0	3.7	6.9	1.3	2.7	8.4	5.6	3.5	0.61	0.23	0.22	0.00
13	9.8	8.9	4.6	1.6	2.5	6.1	8.8	5.8	0.62	0.21	0.16	0.00
14	4.1	2.8	3.4	112	3.1	5.3	7.7	2.4	0.69	0.20	0.12	0.00
15	2.4	1.9	2.8	19	4.1	4.5	5.6	1.8	0.55	0.27	0.12	0.00
16	1.8	1.6	2.5	9.6	3.4	14	4.9	1.6	0.41	0.22	0.26	0.00
17	1.4	1.5	2.4	6.4	3.0	47	4.1	1.3	0.31	0.19	2.0	0.00
18	1.3	1.4	2.3	4.5	2.5	19	4.1	1.2	0.27	0.16	0.63	0.00
19	1.2	1.3	2.2	3.8	2.2	11	3.6	2.9	0.22	0.15	0.30	0.00
20	1.2	1.4	2.0	3.7	2.2	8.3	3.4	5.4	0.21	0.35	0.23	0.00
21	1.2	1.2	1.8	4.1	2.6	6.6	3.0	8.7	0.20	0.23	0.19	0.00
22	1.2	1.2	1.9	3.9	2.5	5.6	2.7	2.8	0.19	0.16	0.14	0.00
23	1.1	8.1	2.8	3.4	2.2	13	3.0	1.9	0.19	0.13	0.10	0.00
24	1.2	14	3.4	2.7	7.9	14	2.6	1.5	0.19	0.10	0.10	0.00
25	1.2	8.0	2.5	2.9	8.2	8.4	2.4	1.3	0.15	0.09	0.09	0.00
26	1.3	3.9	2.2	3.4	4.8	6.8	2.2	1.1	0.13	0.08	0.07	0.00
27	1.3	2.9	2.0	2.9	3.7	6.0	2.3	0.97	1.1	0.07	0.06	0.00
28	0.95	25	1.8	2.0	44	87	2.0	0.88	2.8	0.07	0.05	0.00
29	1.0	8.2	1.8	2.0	---	39	2.3	0.80	1.0	0.17	0.04	0.00
30	1.1	5.0	1.9	8.8	---	15	2.5	0.80	0.69	0.22	0.02	0.00
31	1.0	---	1.8	11	---	10	---	0.72	---	0.26	0.01	---
TOTAL	55.15	115.14	113.6	226.0	173.0	456.3	190.4	72.57	24.65	8.10	8.95	0.00
MEAN	1.78	3.84	3.66	7.29	6.18	14.7	6.35	2.34	0.82	0.26	0.29	0.00
MAX	9.8	25	23	112	44	87	24	8.7	2.8	0.77	2.0	0.00
MIN	0.95	0.87	1.8	1.3	2.2	3.8	2.0	0.72	0.13	0.07	0.01	0.00
CFSM	0.24	0.51	0.49	0.97	0.82	1.95	0.84	0.31	0.11	0.03	0.04	0.00
IN.	0.27	0.57	0.56	1.12	0.85	2.25	0.94	0.36	0.12	0.04	0.04	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2005, BY WATER YEAR (WY)

MEAN	2.86	3.47	5.59	11.5	12.3	18.0	10.3	5.28	3.78	2.41	1.57	4.18
(WY)	(2003)	(1996)	(2003)	(1998)	(1998)	(1998)	(2003)	(1989)	(1995)	(2000)	(2004)	(1996)
MAX	13.0	15.5	19.8	28.3	34.3	46.3	37.2	18.7	16.4	13.5	9.50	25.9
(WY)	(1999)	(1999)	(2002)	(2004)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2005)
MIN	0.01	0.01	0.29	1.93	2.15	2.68	1.06	0.13	0.02	0.04	0.04	0.00

CAPE FEAR RIVER BASIN

02096846 CANE CREEK NEAR ORANGE GROVE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1989 - 2005
ANNUAL TOTAL	1,529.56	1,443.86	
ANNUAL MEAN	4.18	3.96	
HIGHEST ANNUAL MEAN			6.60
LOWEST ANNUAL MEAN			14.3
HIGHEST DAILY MEAN	163	Aug 30	0.99
LOWEST DAILY MEAN	0.03	Jul 16	2002
ANNUAL SEVEN-DAY MINIMUM	0.05	Jul 13	
MAXIMUM PEAK FLOW		112	516
MAXIMUM PEAK STAGE		Jan 14	Mar 4, 1993
INSTANTANEOUS LOW FLOW		0.00	0.00
ANNUAL RUNOFF (CFSM)	0.554	0.525	Sep 17, 1990
ANNUAL RUNOFF (INCHES)	7.55	7.12	0.00
10 PERCENT EXCEEDS	8.2	8.7	Sep 17, 1990
50 PERCENT EXCEEDS	1.8	1.7	
90 PERCENT EXCEEDS	0.19	0.07	

* See REMARKS.

